

sau96I
 nIaIV
 aVaII
 ppuMI
 ddeI

[illegible]

FIG. 1B-1

bstXI
 aluI
 sacI bstNI
 hgiAI
 bspI286
 banII
 nlaIV
 bstNI
 scrFI
 nlaIII
 mboII
 nheI
 aluI
 stuI
 haeIII
 mnlI
 150 GluLeuGlnaspSerGlyThrTrpThrCysThrValLeuGlnasnGlnLysValGlnPheLysIleaspIleValValLeuAlaPheGlnLysAla
 601 GGAGCTCCAGATAGTGGCACCCTGGACATGCACTGCTTCCAGAACCAAGAGTGAGTTCAAAATAGACATCGTGTGCTAGCTTTCCAGAGAGCC
 CCTCGAGGTCTTATCACCGGTGACCTGTACGTGACAGACAGTCTGTCTCTCCACCTCAAGTTTATCTGTAGCACACCAAGATCGAAAGGCTCTCCG
 701 TCCAGCATAGTCTATAGAAAGAGGGGGAACAGGTGAGTCTCTCCCTCCACTCCGCTTTACAGTTGAAAAGCTGACGGGGCAGTGGCGAGCTGTGGTGGC
 AGTCGTATCAGATATTTCTTCTCCCTGCTGCCACCTCAAGAGAGAGGGGTGACCGAATGTCAACTTTGACTGCCCGTCAACCGCTCGACACACCG
 183 SerSerIleValTyrLysLysGlnGlnValGlnPheSerPheProLeuAlaPheThrValGlnLysLeuThrGlySerGlyGlnLeuTrpTrpGln
 mnlI
 aluI
 mnlI
 mnlI
 pflMI
 aluI
 hphI
 sau3AI
 dpuI
 mboII
 aluI
 sau96I
 nlaIV
 avaiI
 ppuMI
 scrFI
 bstNI
 aluI
 801 AGCGGAGAGGGCTTCCCTCCCACTTGGATCACCTTTGACCTGAAGAACAGGAAGTGTCTGTAAACGGGTTACCCAGAGACCTTAAGCTCCAGAT
 TCCGCTCTCCCGAAGAGAGAGGTTCAGAACCTAGTGAACCTGACTTCTGTCTTCCCTTCAAGACATTTGCCCCAATGGGCTCTGGGATTCGAGGTCTA
 217 AlaglnArgAlaSerSerSerLysSerTrpIleThrPheaspLeuLysasnLysGlnValSerValLysArgValThrGlnaspProLysLeuGlnMet
 mnlI
 mnlI
 mnlI
 pflMI
 aluI
 hphI
 sau3AI
 dpuI
 mboII
 aluI
 sau96I
 nlaIV
 avaiI
 ppuMI
 scrFI
 bstNI
 aluI

sau96I
 auaII
 ppuMI
 ecoO
 1201 avai alvNI hinfi
 CTCGGACAGGTCCTGCTGAATCCACATCAAGTTCTGCCACATGGTCCACCCGAGCTTAAATGCGGTAGTTATCACAGTTAAATTGCTAACGCA
 GAGCCCTGCCAGGACGACCTTAGGTTGTAGTTCACAGACGGGTGTAACAGGTGGGCTCGAAATTACGCCATCAATAGTGTCAATTACGATTGCCGT
 350 SerGlyGlnValLeuLeuGlnSerAsnIleYsValLeuProThrIlePseThrProSerPheAsnAlaValValTyrHisSerOC*
 mli
 1301 nlaIV
 bani
 GTCAGGCACCGGTATGAATCTAACAATGGGCTCATCGTCATCCCTGGCACCCTCACCCTGGATGCTGTAGGCATAGGCTTGTTATGCGGTACTGCC
 CAGTCCGTGGCACATATCTTATGATTGTACCGAGTAGCAGTAGGAGCCGTGGCAGTGGACCTACGACATCCGTATCCGAACCAATACGGCCATGACGG
 mli
 haeIII
 sau96I
 1401 GGGCTCTTGGGGAT
 CCCGAGAACGCCCTA
 hinPI
 hhai
 mli
 nlaIV
 scriI
 sfanI
 bstNI
 foki
 bani
 hphi
 foki
 mspi
 rsaI
 nciI
 mspi
 hpaII
 hpaII

FIG. 1C

[illegible][illegible]

43 ArgGIyysAspIeuPvotValIeuAspGlnIeuLeuGlutGlnGlyAsnIysValValIeuGlYlyIysGlyAspThrValGlnIeuThrCysThrAla
 201 TCGGCGCAAGACCTTCCGCTCTGGACGACCTGCTCGAGCAGCGAACAACAAGTCTGCTGGCGCAAAAAAGGGGATACAGTGCACCTGCTACAGCT
 AGCGCCGTTCTTGGAGCGCAGCAGCCTGCTGTCAGCAGCTGCTCCCTTTGTTTCCACGACCCCGTTTTCCTTATGTCACCTTGACTGCACATGTCGA
 fnu4HI mspi bstNI pvuII auaI sau96I alul scrFI fnu4HI
 thai hpaII avaII bviI taqI xhoI sau96I alul
 fnu4HI mspi bstNI pvuII auaI sau96I alul
 201 TCGGCGCAAGACCTTCCGCTCTGGACGACCTGCTCGAGCAGCGAACAACAAGTCTGCTGGCGCAAAAAAGGGGATACAGTGCACCTGCTACAGCT
 AGCGCCGTTCTTGGAGCGCAGCAGCCTGCTGTCAGCAGCTGCTCCCTTTGTTTCCACGACCCCGTTTTCCTTATGTCACCTTGACTGCACATGTCGA
 ArgGIyysAspIeuPvotValIeuAspGlnIeuLeuGlutGlnGlyAsnIysValValIeuGlYlyIysGlyAspThrValGlnIeuThrCysThrAla

	mboII	hinfI	nlaiV	fokI
301	TCCAGAGACAGCATATCCATCCATCGAATAACTCCAACAGATTAAGATTCTCGGAATCAGAGGCTCTTCTTAACATAAGTCCATCCAGCTGA		bspI286	saug96I
	AGGGCTCTTCTCGTATAGTGAAGGTGACCTTTTGAAGTGTCTATTCTTAAGACCTTTAGTCCCGAGAGAAATTGATTTCCAGGTAGGTTGCACT			
76	SergInlylsySerIleGlnPheHisTrrplysAsnSerAsnGlnIlelyslIleuGlnlyAsnGlnGlySerPheLeuThrlyGlyProSerlyIsleuAsn			

hinpI styI ddeI
 hhaI sau96I pfi
 thal avaiI hinfI
 sau3AI nlaIV bclI hinfI mboI
 dpmI nlaIV bclI hinfI mboI
 401 ATGATCGCCGTCATCAAGAAGAACCTTTGGGACGAAGCAACTTCCCGCTGATCATCAAGAATCTTAAGATAGAAGACTCAGATACTTACATCTGTGA
 TACTAGCGGCATGAGTCTCTTCGGAAGACCCGTGCTCTTGAAGGGCATAGTACTTCTTGAATTCATCTCTGCTAGTACAGTACACT
 110 Aspargalaaspserrargarserrleutrpaspdngllyasnphproleuilellelysasnleuylsillegluaspserraspthrtyrillecysglu

	avali	mli	econi	alwni	styI
501	AGTGAGAGCCAGAGGAGGCGTGCATTCCTAGTGTTCGAGATGACTGCCACTCTGACACCCCACTGCTTCAAGGGGAGAGCCCTGACCCCTACCTTG	mli	bspmi		
143	ValGlnAspGlnIblyGlnGlnValAlnIleuLeuValPheGlyLeuThrAlaSerAspThrIstleuLeuGlnGlyInGlyInSerLeuThrIleuThrLeu	mli			

SCRFI
b5tXI

alul
saci bstNI

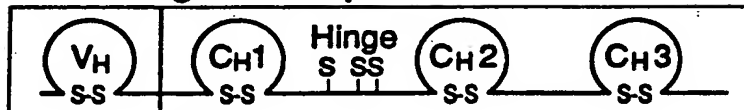
1001 AGTCCCGCTCCACCTCACCCTGCCCCAGGCCCTTGCTCAGTATGCTGGCTCTGGAAACCTCACCCTGCCCCCTTGAAGCGAAACAGGAAAGTGCATCA
 TCGAGGGCGAGGTGGAGTGGACGGGCTCCGGAACGAGTCATACGACCGAGACTTTGGAGTGGACCGGGAACCTCGCTTTGCTCCTTCAACGTA
 310 LeuProLeuHisLeuThrLeuProGlnAlaLeuProGlnTyrAlaGlySerGlyAsnLeuThrLeuAlaLeuGlnAlaIleTyrThrGlyLeuHisGln
 haeIII
 stuI
 haeI
 hphI
 mnlI
 econI
 bstNI
 scrFI
 ddeI
 mnlI
 hphI
 bstNI
 haeIII
 scrFI
 sau96I
 mnlI
 bstNI
 haeIII
 scrFI
 sau96I
 nlaIV
 nlaIV
 avail
 ppuMI
 nlaIV
 mnlI
 ecoO
 mnlI
 ddeI
 aluI
 ddeI
 1101 GGAAGTGAACCTGGTGGTATGAGAGCCACTCAGCTCCAGAAATTTGACCTGTGAGGTGTGGGAGCCACCTCCCTTAAGCTGATGCTGAGTTGAAA
 CCTTCACTTGGACCACTACTCTCGGTGAGTCGAGGTCTTTTAAACTGACACTCCACACCCCTGGGTGAGGGGATTCGACTACGACTCAAACTTT
 343 GluValAsnLeuValMetArgAlaThrGlnLeuGlnLysAsnLeuThrCysGluValTrpGlyProThrSerProLysLeuMetLeuSerLeuLys
 scrFI
 bstNI
 hphI
 ddeI
 aluI
 mnlI
 ppuMI
 nlaIV
 mnlI
 ecoO
 mnlI
 ddeI
 aluI
 ddeI
 sfanI
 sfanI

FIG. 2B-2

CD4



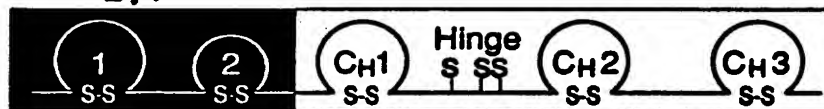
Immunoglobulin γ_1



Soluble rCD4



CD4₂ γ_1



CD4₄ γ_1



FIG. 3

sa96I
nlaIV
ecoo

10. 711

1 ecORI thal haellI xmaII tsal hgal alwi bstNI saulAI ecoo

2 GAATTCGTCACTGCGCGGACAGCGCGATATATTACTGTGCGAGACCACTTTGGCTATGGTACAGGAGCGCTCCCTGTGGATGCACCGCTGG

3 CTAAAGACAGTGAAGCGCGCTGTGCGCATATATATGACACCGCTCGGTGGAAAAAGGATACCATGTCCCTCGACGGGGAACAACCTAGCTGGGACC

4 ValThrAlaAlaAspThrAlaValAlaValTyrTyrCysAlaArgAlaThrPheCysLeuTrpTyrArgGluArgProProCysTrpIleAspProItrp

72 sau96I

 sau96I

 nlaIV

 bsp1286

 banII

 apaI

 nlaIV

 banI

 mli

 hgiAI

 bsp1286

 haeIII

 fnu4HI

 sau96I

 hphi

 bstEII

 haeIII

 styI

 haeIII

 mboII

 bstNI

 mli

 hgiAI

 bsp1286

 haeIII

 fnu4HI

 sau96I

 hphi

 bstEII

 haeIII

 styI

 haeIII

 mboII

 bstNI

 mli

 hgiAI

 bsp1286

 haeIII

 fnu4HI

 sau96I

 hphi

 bstEII

 haeIII

 styI

 haeIII

 mboII

 bstNI

 mli

 hgiAI

 bsp1286

 haeIII

 fnu4HI

 sau96I

 hphi

 bstEII

 haeIII

 styI

 haeIII

 mboII

 bstNI

 mli

 hgiAI

 bsp1286

 haeIII

 fnu4HI

 sau96I

 hphi

 bstEII

 haeIII

 styI

 haeIII

 mboII

 bstNI

 mli

 hgiAI

 bsp1286

 haeIII

 fnu4HI

 sau96I

 hphi

 bstEII

 haeIII

 styI

 haeIII

 mboII

 bstNI

 mli

 hgiAI

 bsp1286

 haeIII

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 sau96I

 hphi

 bstEII

 haeIII

 styI

 haeIII

 mboII

 bstNI

 mli

 hgiAI

 bsp1286

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 fnu4HI

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 haeIII

 styI

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 haeIII

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 mli

 hgiAI

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 fnu4HI

 sau96I

 hphi

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 haeIII

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 haeIII

 mboII

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 haeIII

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 hphi

 bstEII

 haeIII

 styI

 haeIII

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 bstNI

 mli

 hgiAI

 bsp1286

 haeIII

 fnu4HI

 sau96I

 hphi

 bstEII

 haeIII

 styI

 haeIII

 mboII

 bstNI

 mli

 hgiAI

 bsp1286

 haeIII

 fnu4HI

 sau96I

 hphi

 bstEII

 haeIII

 styI

 haeIII

 mboII

 bstNI

 mli

 hgiAI

 bsp1286

 haeIII

 fnu4HI

 sau96I

 hphi

 bstEII

 haeIII

 styI

 haeIII

 mboII

 bstNI

 mli

 hgiAI

 bsp1286

 haeIII

 fnu4HI

 sau96I

 hphi

 bstEII

 haeIII

 styI

 haeIII

 mboII

 bstNI

 mli

FIG. 4B-1

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sau96I
nlaIV
mspi
sau3AI avari mli
nlaIII hpaII ddel
bsphI scrFI mstII
styI mli dpmI nciI eco8II nlaIII
mboII
mboII
501 TCCCTTCCCCCAAAACCAAGACACCCCTCATGATCTCCCGACCCCTGAGGTACATGCGGTGGTGGAGCTGAGCCACCACTCCACTCGGTGCTTGGGACTCCAGTT
AGGAGAAGGGGGGTTTGGGTTCTGTGGAGTACTAGAGGGCCCTGGGGACTCCAGTACGACCACTCCACTCGGTGCTTGGGACTCCAGTT
237 LeupheProProLysProLysAspThrLeuMetIleSerArgThrProGluValThrcysValValValAspValSerHisGluAspProGluValLys

rsal mli
601 GTTCACTGGTACGTGAGCGGCGTGGAGGTGCATTAATGCCAAGACAAGCCCGGGAGGAGCAGTACAAACAGCAGTACCGGGGTGTCAGCGTCTCACC
CAAGTGAACCATGACCTGCCGCACTCCACGTAATTACGGTTCTGTTTCGGCCCTCTCTGTCATGTTGTCGATGGCCACCACTGCAAGAGTGG
270 PheAsnTrpTyrValAspGlyValGluValHisAsnAlaLysThrLysProArgGluGluGlnTyrAsnSerThrTyrArgValValSerValLeuThr

scrFI
eoni bstNI
701 GTCCGCAACCAAGACTGGCTGAATGCCAAGAGTACCAAGTCCCAACAAGCCCTCCAGCCCCCATGAGAAACCATCTCCAAAGCCCAAG
CAGGACGTGGCTGACCGCACTTACCGTTCCTCATGTTCACTCCAGAGGCTTCGGAAGGTCGGGGTAGCTCTTTGGTAGAGGTTTCGGTTTC
303 ValLeuHisGlnAspTrpLeuAsnGlyLysGlnTyrIleCysLysValSerAsnLysAlaLeuProAlaProIleGlnLysThrIleSerLysAlaLysGly

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801 GGCAGCCCCGAGAACCACAGGTGTACACCCCTGCCCCCATCCCCGGATGAGCTGACCAAGAACCAGGTGACCTGACCTGCTCAAGGCTTATCC
 bvi avai rsai foki foki alui scfI
 fnu4HI
 337 GlnProArgGluProGlnValTyrThrLeuProProSerArgAspGluLeuThrLysAsnGlnValSerLeuThrCysLeuVallysglyPheTyrPro
 mspI
 hpaII
 901 CAGGACATCGCCGTGAGTGGAGAGCAATGGGACAGCCGAGAGAACAACACTACAGACCAGCCCTCCCCGCTGGACTCCGACGGCTCCCTTCTCTAC
 GTGCTGTAGCGGCACCTCACCCTCTCGTTACCCGCGCTCTGTTGATGTTCTGCTGGAGGCGACGACCTGAGGCTGCCGAGAGAAGAGATG
 370 SerAspIleAlaValGluTyrGlnSerAsnGlyGlnProGluAsnAsnTyrIlyThrThrProValLeuAspSerAspGlySerPheLeuTyr
 mspI
 hpaII
 1001 AGCAAGCTCACCGTGGACACAGAGCAGGTGGCAGCAGGGGGAACGCTTCTCAAGCTCCGTGATGATGAGGCTCTGCACAACCACTACACGAGAGAGCC
 alui hphI
 bspMI bvi
 403 SerLysLeuThrValAspLysSerArgTyrGlnGlnValPheSerCysSerValMetHisGlnAlaLeuHisAsnHisTyrThrGlnLysSerLeu
 xmiI mboII nlaIII
 scfI
 nciI
 mspI
 hpaII
 1101 TCTCCCTGTCTCCGGGTAAATGAGTCCGACGCGCCG
 AGAGGACAGAGGCCCATTTACTACCGCTGCCGCGC
 SerLeuSerProGlyLysP*
 scfI
 nciI
 mspI
 hpaII
 xmaIII
 eaeI
 mboII mnlI

FIG. 4B-2

